

## Inspector's Daily Roadway Core Density Report

Copies:

Area Materials Engineer  
 Project Manager  
 File

Project Number : \_\_\_\_\_  
 County : \_\_\_\_\_  
 Region/Area : \_\_\_\_\_  
 Date(s) : \_\_\_\_\_

Location of Project \_\_\_\_\_

Prime Contractor \_\_\_\_\_ Producer/Location \_\_\_\_\_

Weather Today: \_\_\_\_\_ Low (°F) \_\_\_\_\_ High (°F) \_\_\_\_\_ Surface (°F) \_\_\_\_\_

Pay Item No. \_\_\_\_\_ Mix No. \_\_\_\_\_ Lot Number \_\_\_\_\_ Placement Rate (lb/yd<sup>2</sup>): \_\_\_\_\_

ALDOT-403       AASHTO T 166

### FORMULAS:

**Bulk SG = A / (B-C)**

**Absorption = {(B-A) / (B-C)} x 100**

**% Density = {(Bulk SG) / (Max SG)} x 100**

**A = dry wt, g**

**B = SSD wt, g**

**C = wt in water, g**

Core No.	Station	Thickness (in)	A	B	C	Abs.	Bulk SG	Max SG	% Density
Date Tested	Location(Offset)		A	B	C	Abs.	Bulk SG	Max SG	% Density

Comments: \_\_\_\_\_

Lab Inspector \_\_\_\_\_ Project Inspector \_\_\_\_\_

Project Manager \_\_\_\_\_